IN THE CLAIMS:

1. (Currently amended) A polymer bushing comprising:~~which includes~~

a hard insulation sleeve surrounding~~which has~~ a central conductor ~~draw-out~~ bar ~~centrally~~ and having a receiving port for a cable terminal at a lower end ~~part~~ thereof,

an electrical-field stress-control layer surrounding the insulation sleeve, and

a polymer clad body ~~which is~~ disposed around an outer periphery of the stress-control layer~~insulation sleeve~~ and having~~which is formed with~~ a plurality~~large number~~ of longitudinally spaced shades on~~at~~ its ~~own~~ outer periphery ~~in a manner to be spaced from one another in its longitudinal direction, wherein~~

~~an electric-field stress-control layer is provided on an interface between the insulation sleeve and the polymer clad body~~.

2. (Currently amended) A polymer bushing comprising:~~which includes~~

a hard insulation sleeve surrounding~~which has~~ a central conductor ~~draw-out~~ bar ~~centrally~~ and having a receiving port for a cable terminal at a lower end ~~part~~ thereof,

an electrical-field stress-control layer surrounding the insulation sleeve, and

a polymer clad body ~~which is~~ disposed around an outer periphery of the stress-control layer~~insulation sleeve~~ and having a plurality~~which is formed with a large number~~ of longitudinally spaced shades on~~at~~ its ~~own~~ outer periphery ~~in a manner to be spaced from one another in its longitudinal direction~~, and wherein

the receiving port is ~~provided~~ at a position lower than the polymer clad body~~, and~~

~~an electric-field stress-control layer is provided on an interface between the insulation sleeve and the polymer clad body~~.

3. (Canceled)

4. (Currently amended) A polymer bushing comprising: ~~which includes~~

a hard insulation sleeve surrounding~~which has~~ a central conductor ~~draw-out~~ bar ~~centrally~~ and having a receiving port for a cable terminal at a lower end ~~part~~ thereof,

an electrical-field stress-control layer surrounding the insulation sleeve,

~~and~~ a polymer clad body ~~which is~~ disposed around an outer periphery of the stress-control layer~~insulation sleeve~~ and having a plurality~~which is formed with a large number~~ of longitudinally spaced shades on~~at~~ its ~~own~~ outer periphery ~~in a manner to be spaced from one another in its longitudinal direction~~, and~~wherein~~

an annular metal fitting ~~is~~ disposed concentrically with the conductor ~~draw-out~~ bar at a position lower than the insulation sleeve,

wherein the polymer clad body is disposed at a position higher than the metal fitting,

wherein the receiving port is provided at a position lower than the metal fitting, and

wherein the~~an~~ electric-field stress-control layer is in contact with the annular metal fitting~~provided so as to extend from an upper end part of the metal fitting to a distal end part of the conductor draw-out bar~~.

5. (Currently amended) A polymer bushing as defined in claim 4, wherein the metal fitting is ~~constructed of an embedment metal fitting~~ for electric-field mitigation and~~as~~ is embedded and fixed at the position lower than the insulation sleeve.

6. (Currently Amended) A polymer bushing as defined in claim ~~1~~4, wherein the electric-field stress-control layer is ~~constructed of~~ a zinc oxide layer or a high permittivity layer.

7. (Currently Amended) A polymer bushing as defined in claim 4~~1~~, wherein the insulation sleeve is disposed integrally with an outer periphery of the conductor ~~draw-out~~ bar.

8. (Currently Amended) A polymer bushing as defined in claim ~~1~~4 bent at a position intermediate its ends~~, wherein a bend is provided~~.

9. (Currently Amended) A cable termination comprising~~wherein~~ a cable terminal ~~portion is~~ mounted in the receiving port of the polymer bushing as defined in claim 4 ~~1~~.

10. (New) A polymer bushing comprising:

a hard insulation sleeve surrounding a central conductor bar and having a receiving port for a cable terminal at a lower end thereof,

an electrical-field stress-control layer surrounding the insulation sleeve,

a polymer clad body disposed around an outer periphery of the stress-control layer and having a plurality of longitudinally spaced shades on its outer periphery,

an annular metal fitting disposed concentrically with the conductor bar at a position lower than the insulation sleeve, and

a high tension connection at a lower end of the insulation sleeve,

wherein the polymer clad body is disposed at a position higher than the metal

fitting,

wherein the receiving port is provided at a position lower than the metal fitting, and

wherein the electric-field stress-control layer is in contact with the annular metal fitting.

11. (New) A polymer bushing as defined in claim 10, wherein the metal fitting for electric-field mitigation and is embedded and fixed at the position lower than the insulation sleeve.

12. (New) A polymer bushing as defined in claim 10, wherein the electric-field stress-control layer is a zinc oxide layer or a high permittivity layer.

13. (New) A polymer bushing as defined in claim 10, wherein the insulation a sleeve is disposed integrally with an outer periphery of the conductor bar.

14. (New) A polymer bushing as defined in claim 10, bent at a position intermediate its ends.

15. (New) A polymer bushing as defined in claim 14 bent at 90°.

16. (New) A polymer bushing as defined in claim 14, bent at 100-150°.

17. (New) A polymer bushing as defined in claim 8 bent at 90°.

18. (New) A polymer bushing as defined in claim 8, bent at 100-150°.

Respectfully submitted,

BACON & THOMAS

June 27, 2006
Date

George A. Loud
Reg. No. 25,814

Atty Dkt: ADAC3006

Customer Number 23364
Bacon & Thomas, PLLC
625 Slaters Lane, Fourth Floor
Alexandria, VA 22314
(703) 683-0500